



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/500,447
Source: PCT
Date Processed by STIC: 7/8/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

BEST AVAILABLE COPY

Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/500,447

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown or
 is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
 "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
 listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

RAW SEQUENCE LISTING

DATE: 07/08/2004

PATENT APPLICATION: US/10/500,447

TIME: 15:49:04

Input Set : A:\sequence-PARK.ST25.txt

Output Set: N:\CRF4\07082004\J500447.raw

3 <110> APPLICANT: PARK, Hee-Sung
 5 <120> TITLE OF INVENTION: Method for producing a recombinant protein using pollen
 7 <130> FILE REFERENCE: 26208 (YLOP040518US/PCT)
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/500,447
 C--> 9 <141> CURRENT FILING DATE: 2004-06-30
 9 <150> PRIOR APPLICATION NUMBER: KR 2001-71712
 10 <151> PRIOR FILING DATE: 2001-11-19
 12 <160> NUMBER OF SEQ ID NOS: 6
 14 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
 Corrected Diskette Needed
 (pg.11)

16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 24
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Oligonucleotide for amplification of urease B gene

21 <400> SEQUENCE: 1

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25 <210> SEQ ID NO: 2

26 <211> LENGTH: 24

27 <212> TYPE: DNA

28 <213> ORGANISM: Oligonucleotide for amplification of urease B gene

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34 <210> SEQ ID NO: 3

35 <211> LENGTH: 25

36 <212> TYPE: DNA

37 <213> ORGANISM: Oligonucleotide for amplification of tissue plasminogen activator

39 <400> SEQUENCE: 3

40 aatctagaca tggatgcaat gaaga

43 <210> SEQ ID NO: 4

44 <211> LENGTH: 26

45 <212> TYPE: DNA

46 <213> ORGANISM: Oligonucleotide for amplification of tissue plasminogen activator

48 <400> SEQUENCE: 4

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53 <211> LENGTH: 1710

54 <212> TYPE: DNA

55 <213> ORGANISM: Helicobacter pylori

57 <400> SEQUENCE: 5

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60 gtgagattgg gcgatacaga cttgatcgct gaagtagaac atgactacac catttatggc

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64 cctagcaaag aagaactgga tctaatacct actaacgctt taatcgtgga ttacaccggt

66 atttataaag cggatattgg tattaaagat ggcaaaatcg ctggcattgg taaaggcggt

INVALID Response

INVALID Response

SAME ERROR

SAME ERROR

↑ pls see item # 10 ON ERROR Summary sheet.

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Input Set : A:\sequence-PARK.ST25.txt

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127 ctgtgtggag cagtcttcgt ttgcccagc caggaaatcc atgcccgatt cagaagagga 180
129 gccagatctt accaagtgat ctgcagagat gaaaaaacgc agatgatata ccagcaacat 240
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DATE: 07/08/2004

PATENT APPLICATION: US/10/500,447

TIME: 15:49:04

Input Set : A:\sequence-PARK.ST25.txt

Output Set: N:\CRF4\07082004\J500447.raw

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167	tgggattcgt	cccgtgtgc	ccaggagagc	agcgtgggcc	gcactgtgtg	ccttcccccg	1380
169	gcggacctgc	agctgccgga	ctggacggag	tgtgagctct	ccggctacgg	caagcatgag	1440
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175	ggagacactc	ggagcggcgg	gccccaggca	aacttgacg	acgcctgcca	gggcgattcg	1620
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191	gaaagtggcc	atgccaccct	gttttcagct	aaagcccaac	ctcctgacct	gtcaccgtga	2100
193	gcagcttttg	aaacaggacc	acaaaaatga	aagcatgtct	caatagtaaa	agataacaag	2160
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/500,447

DATE: 07/08/2004

TIME: 15:49:05

Input Set : A:\sequence-PARK.ST25.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date